Index of Claims

| Application/Control No | ٠. |
|------------------------|----|
|------------------------|----|

09/975,544

Examiner

David L. Lewis

Applicant(s)/Patent under Reexamination

HANSON ET AL.
Art Unit

2673

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ļ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| CI          | laim Date |          |                        |                 | 7                                 | Cla      | aim     | Date  |          |                 |          |          |           |                | laim            | Date     |  |          |                |          |  |                 |           |          |               |   |
|-------------|-----------|----------|------------------------|-----------------|-----------------------------------|----------|---------|-------|----------|-----------------|----------|----------|-----------|----------------|-----------------|----------|--|----------|----------------|----------|--|-----------------|-----------|----------|---------------|---|
|             |           |          |                        |                 |                                   |          |         |       |          |                 |          |          |           |                |                 |          |  |          |                |          |  |                 | $\exists$ | П        | _             |   |
| ল           | Original  | 10/17/05 |                        | 1 1             |                                   |          |         | ত     | Original | П               |          |          |           |                |                 |          | জ  | Original |                |          |  |                 |           |          |               |   |
| Final       | Ë         | 71.      |                        | 1               |                                   |          |         | Final | Ē        |                 |          |          |           |                |                 |          | Final  | ļ ģ.     |                |          |  |                 |           |          |               |   |
|             | 0         | 7        |                        | 1 1             |                                   |          |         |       | 0        |                 | - 1      |          |           |                |                 |          |  | 0        |                |          |  |                 |           |          |               |   |
| -           | 1         | 1        |                        | 1               | $\neg$                            |          | 7       |       | 51       | П               | $\neg$   | $\top$   | 1         | П              |                 |          |  | 101      |                | T        |  | П               |           | $\dashv$ | ヿ             | _ |
|             | 2         | 1        |                        | 1               | $\dashv$                          |          | 1       |       | 52       | П               | _        | +-       | †         | $\vdash$       | +++             |          |  | 102      | <b>-</b>       | 1        | ┪  | П               | $\dashv$  | $\dashv$ | $\dashv$      | _ |
|             | 3         | 1        |                        | t               | $\dashv$                          |          | 1       |       | 53       | Ħ               | _        | _        | +-        |                | $\top$          | -1∭      |  | 103      | <del></del>    |          |  |                 | T         | ヿ        | ヿ             | _ |
|             | 4         | V        |                        | 11              | 11                                |          | 1       |       | 54       |                 | $\dashv$ | $\dashv$ | 1         |                | $\dashv \dashv$ | -        |  | 104      |                | $\top$   | <u> </u>   | П               | $\dashv$  | $\dashv$ | 一             | _ |
|             | 5         | V        | $\dashv \dashv \vdash$ | ++              | 1 1                               |          | 7       |       | 55       | $\vdash$        | $\dashv$ | ┪        | $\dagger$ |                | $\dashv \dashv$ |          |  | 105      |                | T        | 一  | Н               |           | $\neg$   | $\dashv$      |   |
|             | 6         | V        | $\dashv$               | 1-1-            | 11                                |          | 1       |       | 56       | Н               |          | _        | $\dagger$ |                | +               | -        |  | 106      | - -            | +        | $\vdash$   | Н               | $\neg$    | 寸        | 十             | _ |
|             | 7         | 1        |                        | $\vdash$        | $\top$                            |          | 1       |       | 57       | Н               | _        | +        | +-        |                | 11              |          | <del>                                     </del> | 107      |                | +        |  | Н               | 1         | $\dashv$ | 十             | — |
|             | 8         | V        |                        | 1 1             | _                                 |          | 1       |       | 58       | Н               |          | +        | †         | $\vdash$       | ++              |          |  | 108      |                | T        | ┪  | Н               |           | $\dashv$ | 十             |   |
| <u> </u>    | 9         | V        |                        | +               | $\dashv$                          |          | 1::::   |       | 59       |                 | $\dashv$ | +        | 1-        | $\vdash$       |                 |          | <del> </del>                                     | 109      | $\vdash$       | +-       | Н  | Н               |           | -        |               |   |
| <del></del> | 10        | V        |                        | +               | +                                 | -        | 1       | _     | 60       |                 |          | +-       | ╁         | H              | +               |          | <del>                                     </del> | 110      |                | ╁╌       | ┰  | Н               | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| <b>-</b>    | 11        | V        |                        | ++              |                                   |          | 1       |       | 61       | H               | -        | $\dashv$ | ╁         | -              |                 | $\dashv$ |  | 111      | $\vdash$       | 1        | ┢  | Н               | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| <del></del> | 12        | V        | -                      | ╁─┼╴            | $\dashv \dashv$                   | -        | -       |       | 62       |                 | +        | +-       | ╁         | -              | +               | $\dashv$ |  | 112      | $\vdash$       | ╁        | ┢  | Н               | +         | $\dashv$ | $\dashv$      | _ |
| $\vdash$    | 13        | 1        |                        | +               | +                                 | _        | 1       |       | 63       | Н               | +        | +        | +         | $\vdash$       | ++              | $\dashv$ | ├─   | 113      | $\vdash\vdash$ | +        | $\vdash$   | Н               | $\dashv$  | $\dashv$ | +             |   |
| <u> </u>    | 14        | V<br>√   | ++                     | ++              | $\dashv$                          | +        | -       |       | 64       | $\vdash$        | $\dashv$ | $\dashv$ | +-        | <del></del>    |                 | $\dashv$ |  | 114      | $\vdash$       | +        | $\vdash$   | Н               | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| -           | 15        | 1        |                        | ╁╌┼╌            |                                   |          | -       |       | 65       | -               | -+       | +        | +         |                | +               |          | $\vdash$   |          |                | ⊬        | $\vdash$   | Н               |           | $\dashv$ |               |   |
|             |           | √<br>√   |                        | ╁┷┼             | $\dashv$                          |          | -       |       |          | ╌┤              |          | +        | +         | -              | ++              |          | ⊢  | 115      |                | ┾        | ⊢  | Н               |           | $\dashv$ | $\rightarrow$ | _ |
|             | 16        |          |                        | ╁┼              | $\dashv$                          |          | -       |       | 66       | $\vdash\vdash$  | +        | +        | ╁         | $\vdash$       |                 |          | _  | 116      |                | -        | <u> </u>   |                 | $\dashv$  | $\dashv$ | -             | _ |
|             | 17        | 1        |                        | -               | $\dashv$                          |          | -[      |       | 67       | $\square$       | _        | +        | +         | $\vdash$       |                 | -        |  | 117      |                | -        | _  | Н               | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| ├           | 18        | 1        |                        | ┼-┼-            | $\dashv$                          |          | -       |       | 68       | $\square$       | +        | +        | ₩         | $\perp$        |                 |          |  | 118      |                |          | _  |                 | -         | $\dashv$ | $\dashv$      | _ |
|             | 19        | <b>V</b> | $\perp$                | $\vdash$        |                                   |          | 4       |       | 69       | Ш               | _        | $\perp$  | 1         |                |                 | _::::    | _  | 119      | ļ ļ            | ļ        | _  | Ш               | 4         | 4        | _             |   |
|             | 20        | <b>√</b> |                        | $\perp$         | $\perp$                           |          | 4       |       | 70       | $\vdash$        | _        | $\perp$  | 1         |                | $\perp \perp$   | _        |  | 120      |                | L        |  | Ш               | _         | 4        | _             |   |
|             | 21        | 1        | $\bot$                 |                 | $\dashv$                          |          | 4       |       | 71       | ┞               |          |          | 1_        |                |                 |          |  | 121      |                | _        |  | Ш               | $\perp$   | _        | _             |   |
|             | 22        | 1        |                        |                 | $\bot$                            |          | J       |       | 72       |                 |          |          | ┸         |                | $\bot$          | _        |  | 122      |                | <u> </u> | <u> </u>   |                 |           |          |               |   |
|             | 23        | 1        | $\perp$                |                 | $\perp$                           |          | J       |       | 73       |                 |          |          | ╙         |                | $\bot$          |          |  | 123      | $\Box$         | <u> </u> |  |                 |           | $\perp$  | _             |   |
|             | 24        | 1        |                        |                 | $\perp \perp \mid$                |          | J       |       | 74       |                 | $\perp$  | $\perp$  |           |                | $\perp \perp$   | _        |  | 124      |                | L        | $ldsymbol{ld}}}}}}$ |                 | $\Box$    | $\perp$  | $\bot$        |   |
|             | 25        | 4        |                        |                 | $\perp \!\!\! \perp \!\!\! \perp$ |          | ]!!!!   |       | 75       | Ш               |          | <u> </u> | ļ         | $\Box$         |                 | _        |  | 125      |                |          |  |                 |           | $\sqcup$ |               |   |
|             | 26        | 4        |                        | $\perp \perp$   | $\perp \!\!\! \perp \!\!\! \perp$ |          | ]       |       | 76       |                 |          |          | 1         |                | $\bot$          |          |  | 126      |                |          |  |                 |           |          |               |   |
|             | 27        | 1        |                        |                 |                                   |          | ]       |       | 77       |                 |          |          |           |                |                 | _        |  | 127      |                |          |  |                 |           |          |               |   |
|             | 28        | 1        |                        |                 |                                   |          |         |       | 78       |                 | ŀ        |          |           |                |                 |          |  | 128      |                |          |  |                 |           |          |               |   |
|             | 29        | 1        |                        |                 |                                   |          |         |       | 79       |                 |          |          |           |                |                 |          |  | 129      |                |          |  |                 |           | $\Box$   | $\Box$        |   |
|             | 30        | 7        |                        |                 |                                   |          |         |       | 80       |                 |          |          |           |                |                 |          |  | 130      |                |          |  |                 |           | П        | Т             |   |
|             | 31        | 1        |                        |                 |                                   |          | 7[      |       | 81       |                 |          | $\top$   | П         |                | $\top$          |          |  | 131      |                | Т        |  |                 |           | $\neg$   | $\neg$        |   |
|             | 32        | 1        |                        |                 |                                   |          |         |       | 82       |                 |          |          |           |                | $\top$          |          |  | 132      |                |          |  |                 |           | $\neg$   | $\neg$        |   |
|             | 33        | <b>V</b> |                        |                 |                                   |          |         |       | 83       |                 |          |          | T         |                | $\top$          |          |  | 133      |                | Τ        |  |                 |           | T        | $\neg$        | _ |
|             | 34        | 1        |                        |                 | $\Box\Box$                        |          |         |       | 84       |                 | T        |          | Π         |                | $\Box$          |          |  | 134      |                |          |  | $\sqcap$        |           | $\neg$   | 丁             | _ |
|             | 35        | 1        |                        |                 |                                   |          |         |       | 85       |                 |          |          | Π         |                |                 | 7        |  | 135      |                |          |  |                 |           | $\neg$   | $\dashv$      | _ |
|             | 36        | V        |                        | $\sqcap$        | $\top$                            |          |         |       | 86       |                 |          |          |           |                |                 |          |  | 136      |                | П        |  |                 | 寸         | $\neg$   | $\dashv$      |   |
|             | 37        | 1        |                        |                 | $\top$                            |          | 1       |       | 87       | П               |          |          |           |                | $\top$          |          |  | 137      |                |          |  | $\Box$          | T         | ヿ        | $\dashv$      | _ |
|             | 38        | 1        |                        |                 | $\dashv$                          | $\dashv$ | 1       |       | 88       | П               | $\dashv$ |          | $\top$    |                | 7               | 7        |  | 138      |                | T        | Г  | $\vdash$        |           | $\neg$   | $\dashv$      | _ |
|             | 39        | 1        |                        |                 | $\top$                            |          | 1       |       | 89       | П               | $\neg$   | 1        | 1         | $\neg \dagger$ | 7-7             |          |  | 139      |                |          | -  | 1               | _†        | $\dashv$ | $\dashv$      | _ |
|             | 40        | <b>V</b> |                        |                 | 11                                |          | 1       |       | 90       | Н               | $\dashv$ | $\top$   | $\vdash$  | $\top$         | +               |          |  | 140      |                | 1        |  | $\vdash$        | 7         | $\dashv$ | $\dashv$      | _ |
|             | 41        | $\dashv$ |                        |                 | ++                                | $\top$   |         |       | 91       | $\vdash$        | $\top$   | $\top$   |           | $\top$         | 11              |          |  | 141      | $\vdash$       | T        |  | $\vdash$        | -         | $\dashv$ | $\dashv$      | _ |
|             | 42        | $\dashv$ | <del>-   -   -</del>   | ++              | ++                                | $\dashv$ | 1 1     |       | 92       | H               | _        | +        | $\vdash$  | +              | +++             |          |  | 142      | $\vdash$       | T        | $\vdash$   | $\vdash$        | $\dashv$  | +        | +             | _ |
|             | 43        | -        | ++                     | $\vdash$        | $\dashv \dashv$                   |          | 1 1     |       | 93       | $\vdash$        | -+-      | +        |           | $\vdash$       | ++              | -        |  | 143      | _              | 1        | -  | $\vdash$        | $\dashv$  | $\dashv$ | +             | _ |
|             | 44        | -        | ++                     | $\vdash$        | +-+                               | +        | t iii   |       | 94       | $\vdash$        | $\dashv$ | +        | $\vdash$  | $\vdash$       | ++              |          |  | 144      | $\vdash$       | +-       | Н  | $\vdash \vdash$ | -+        | $\dashv$ | $\dashv$      |   |
| <b></b>     | 45        | $\dashv$ |                        | $\vdash$        | $\dashv$                          | -+       | 1       |       | 95       | $\vdash$        | -  -     | +        | $\vdash$  | +              | ++              | -        |  | 145      | $\vdash$       | +-       | $\vdash$   | $\vdash$        | $\dashv$  | +        | +             |   |
| $\vdash$    | 46        | $\dashv$ | <del></del>            | <del>   </del>  | ╅                                 | $\dashv$ | ╢╟      |       | 96       | $\dashv$        | -+-      | +-       |           | +              | ++              |          |  | 146      |                | +-       | $\vdash$   | $\vdash$        | $\dashv$  | +        | $\dashv$      | _ |
|             | 47        | -        | -+-                    | ++              | +                                 | +        | ╢╟      |       | 97       | $\vdash$        | +        | +        | $\vdash$  | $\dashv$       | +++             |          |  | 147      | -+-            | $\vdash$ |  | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| $\vdash$    | 48        | $\dashv$ | <del></del>            | $\vdash$        | +                                 | +        | ╢╟      |       | 98       | $\vdash \vdash$ | +        | +        | $\vdash$  | -              | +-+             | -        |  | 148      |                | +        | $\vdash$   | $\dashv$        | -+        | +        | +             | _ |
| $\vdash$    | 49        | $\dashv$ | <del>-   -   -</del>   | $\vdash \vdash$ | ++                                | +        | ╢╟      |       | 99       | $\vdash$        | -+-      | +        | $\vdash$  | +              | ++              | -        |  | 149      |                | ⊢        | Н  |                 | $\dashv$  | $\dashv$ | $\dashv$      | _ |
| $\vdash$    | 50        |          |                        |                 | ++                                | -+-      | ╢╟      |       |          | $\dashv$        | +        | +        | $\vdash$  | +              | ++              | -        |  | 149      | -              | $\vdash$ |  | H               | -+        | +        | +             | _ |
| نــــا      | อบ        | i        | LL                     |                 |                                   |          | J:::::[ |       | 100      |                 |          |          | L .       | L              | $_{\perp}$      | :::::    |  | 150      |                | ı        |  |                 | - 1       | - 1      | - 1           |   |